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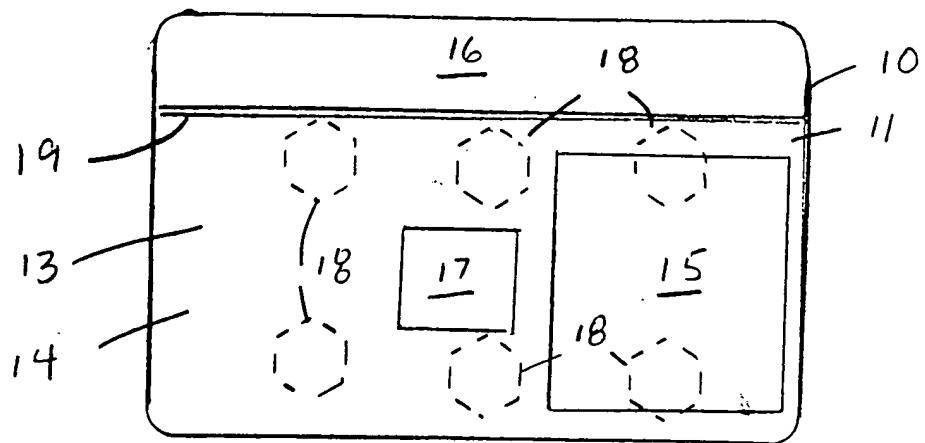


FIG. 1A

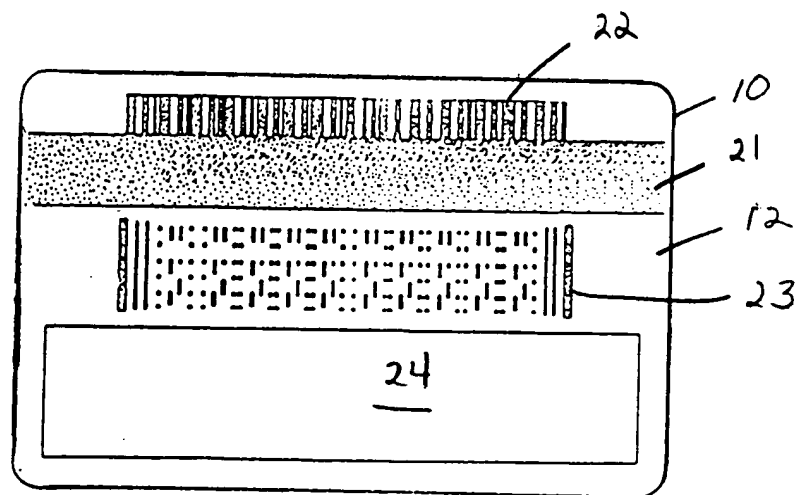


FIG. 1B

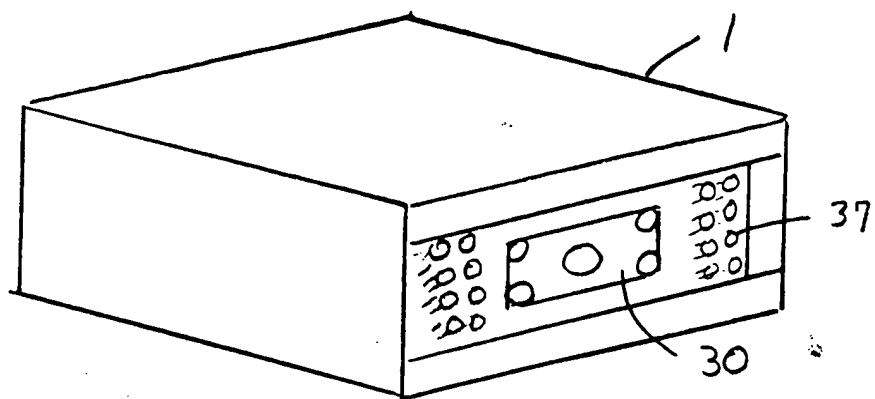


FIG. 2

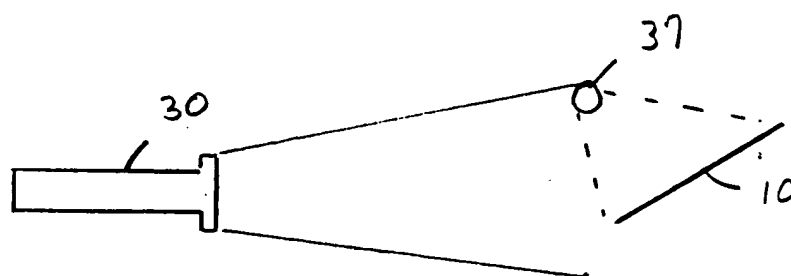


FIG. 3

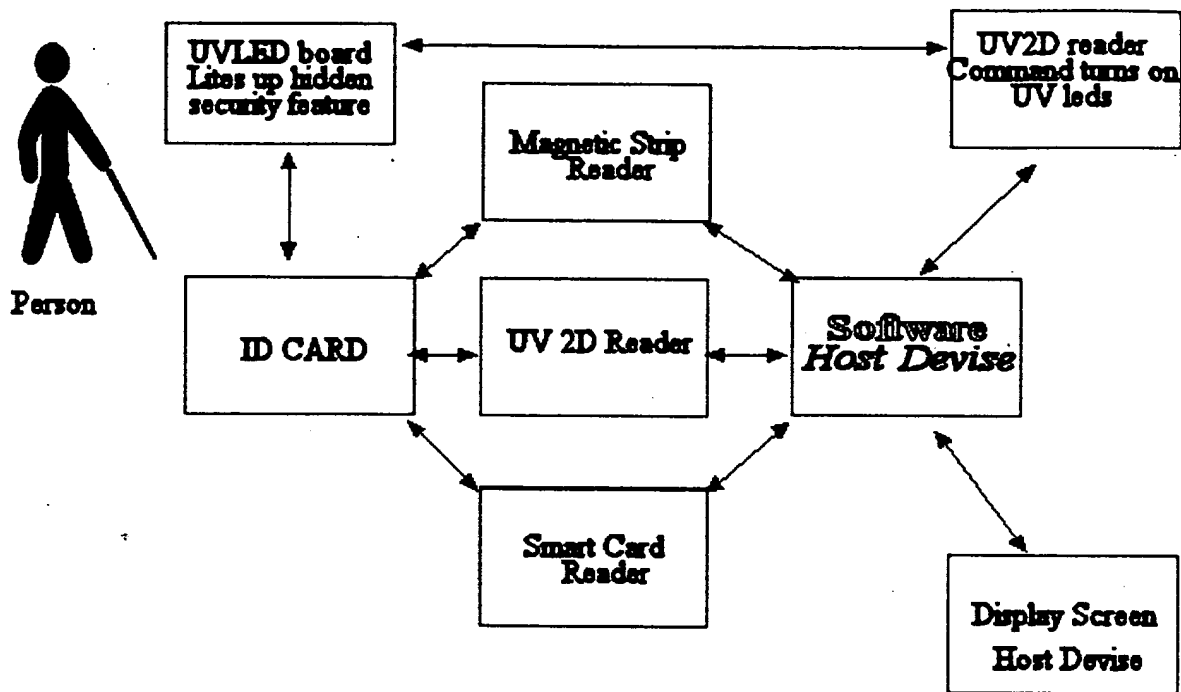
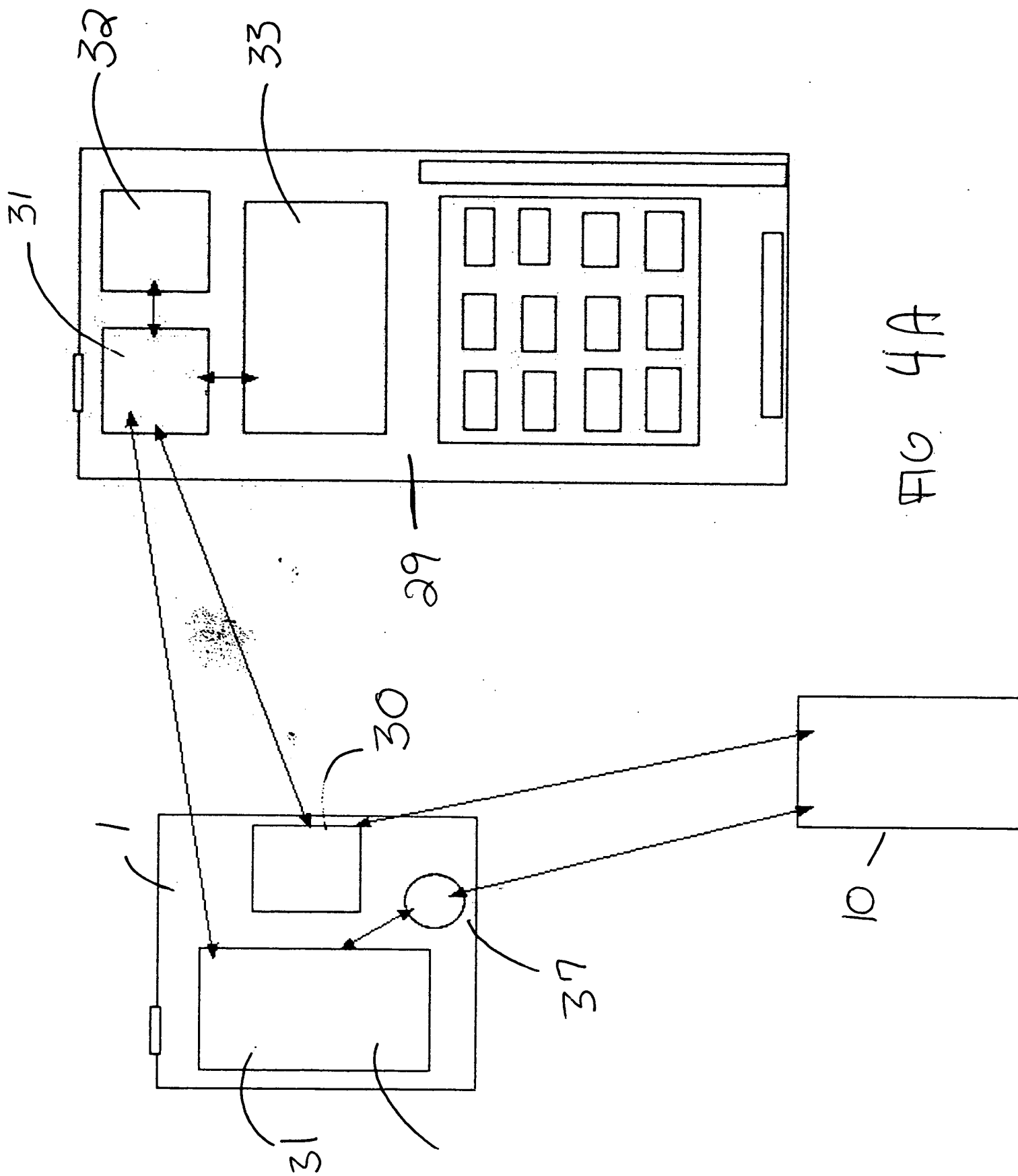
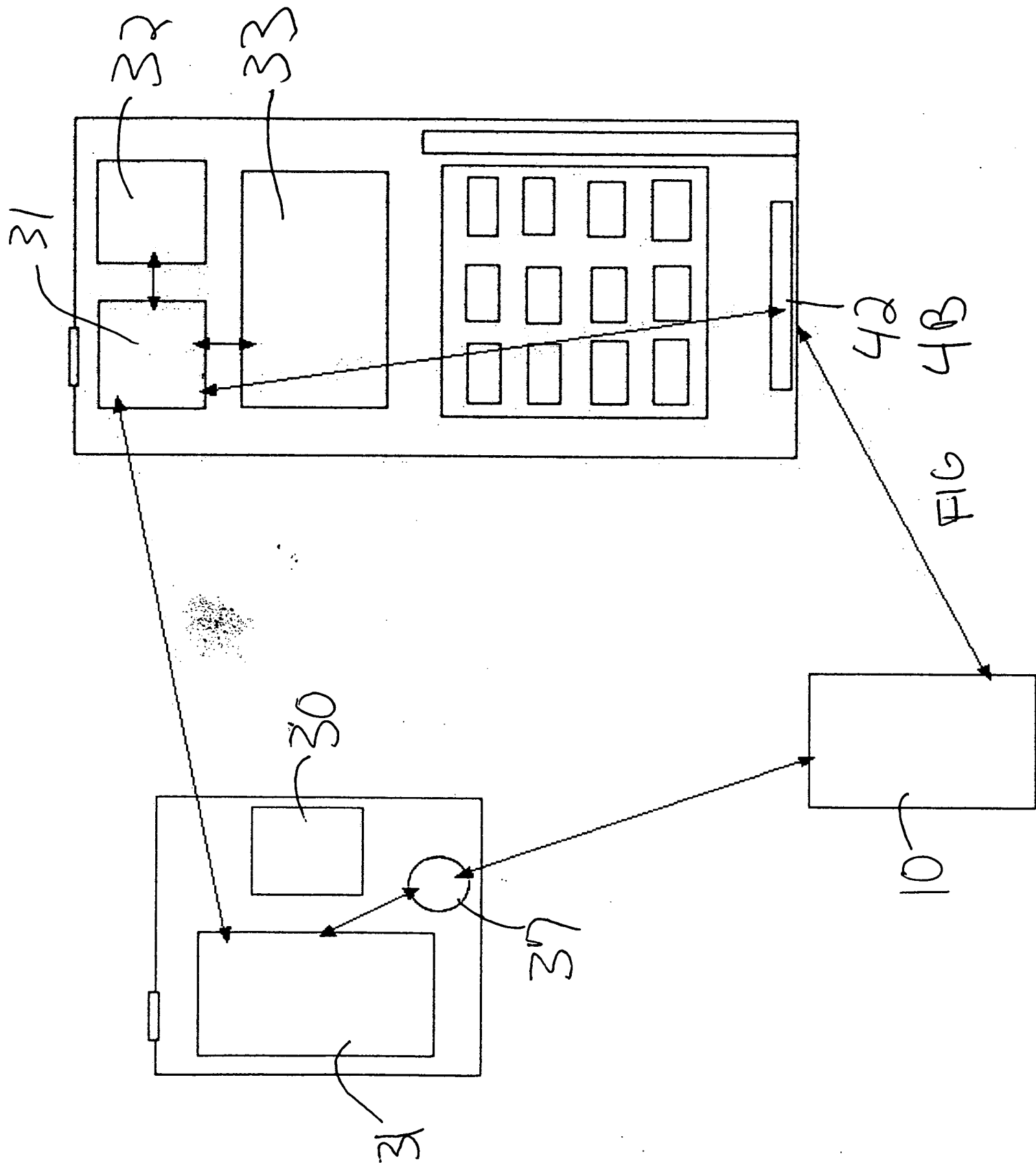


FIG 4





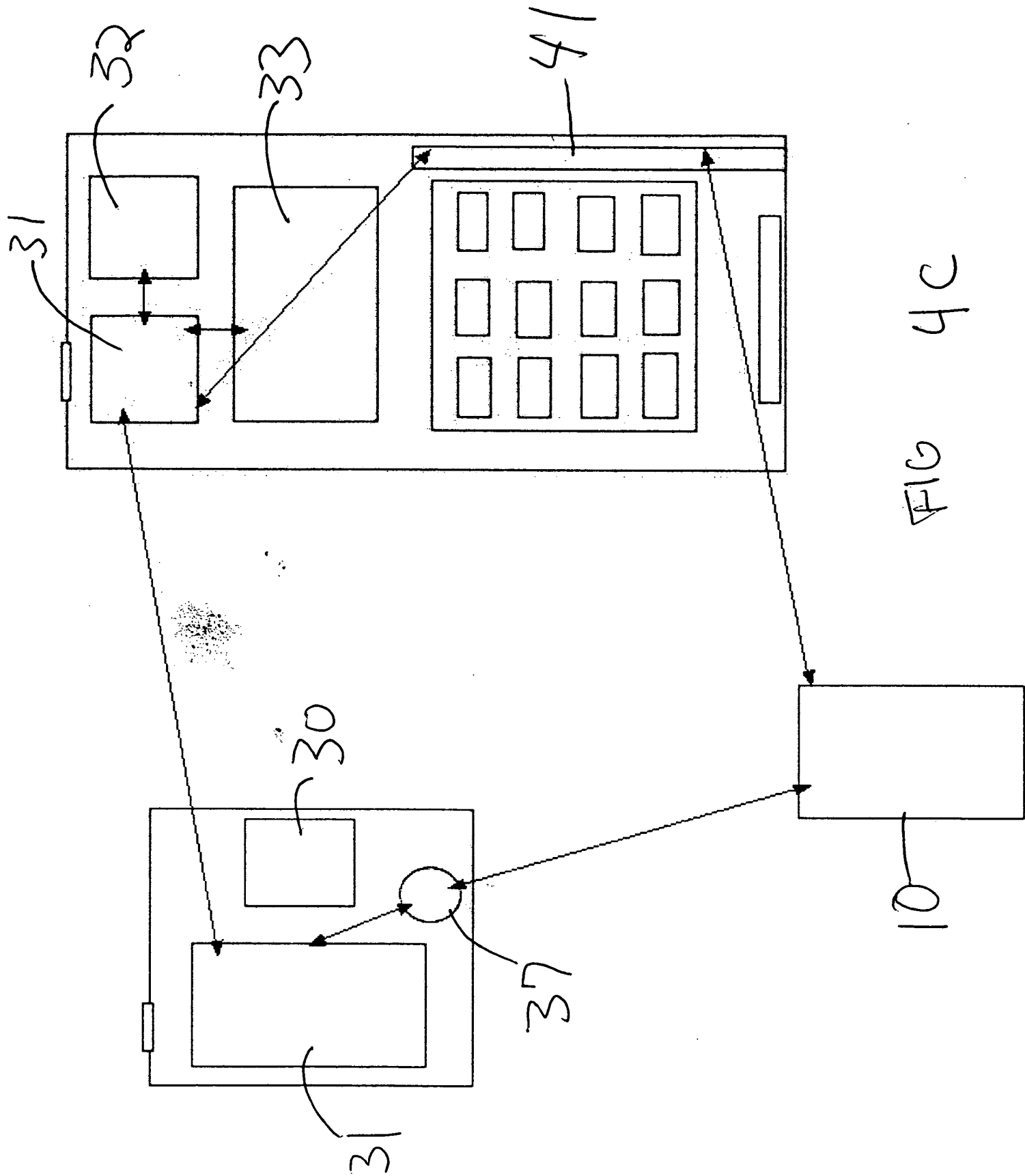


FIG 4C

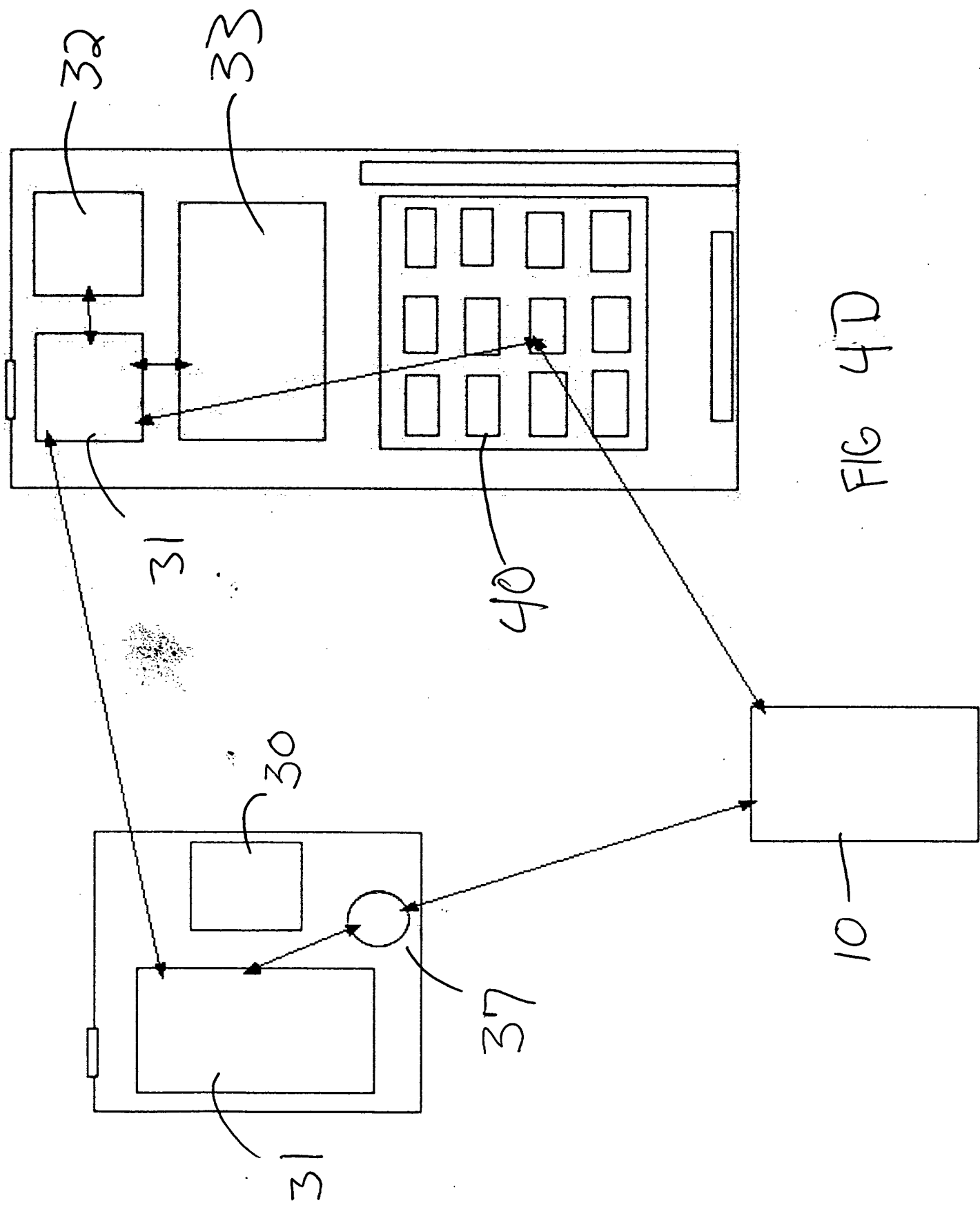
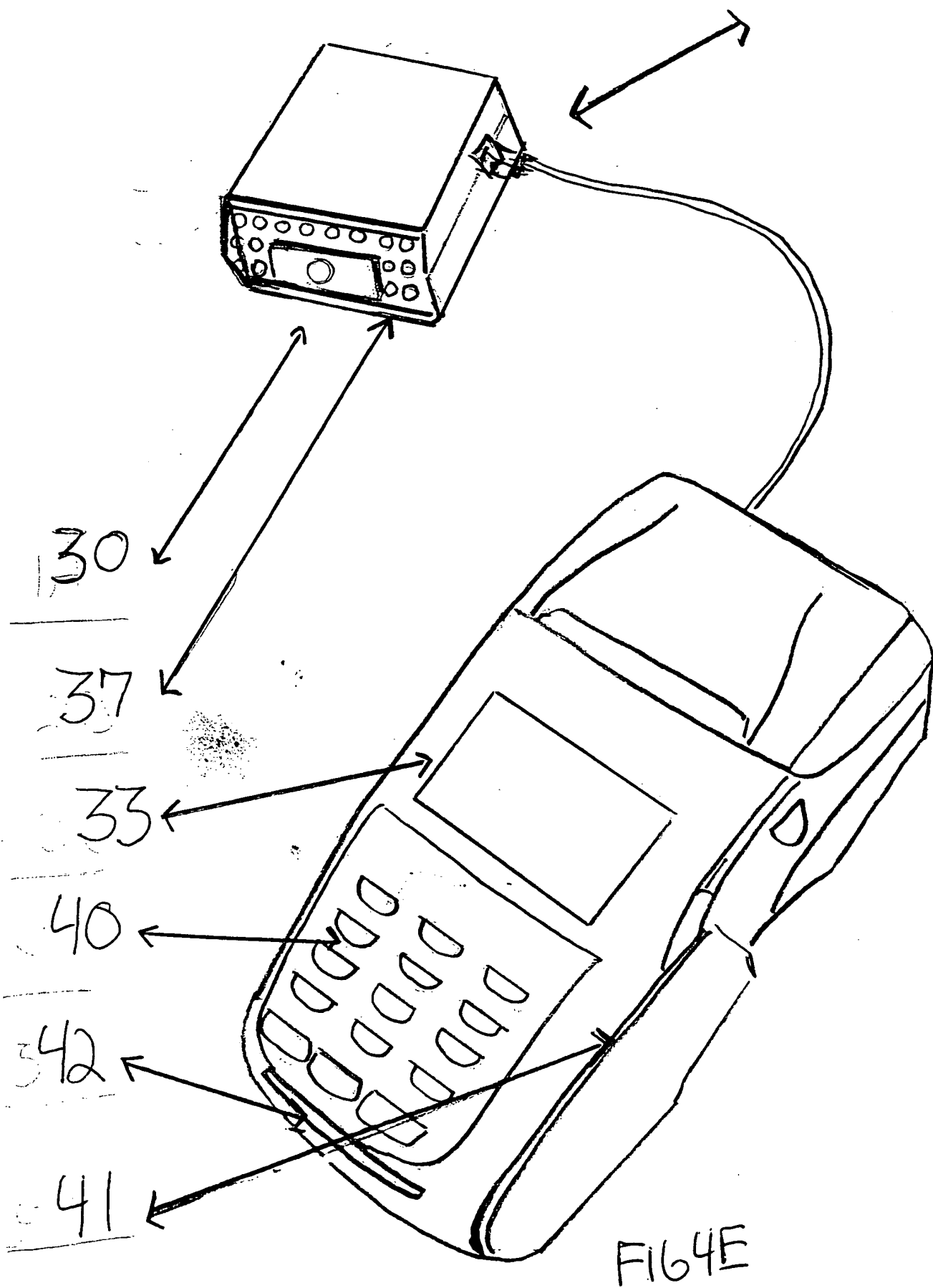


FIG 4D





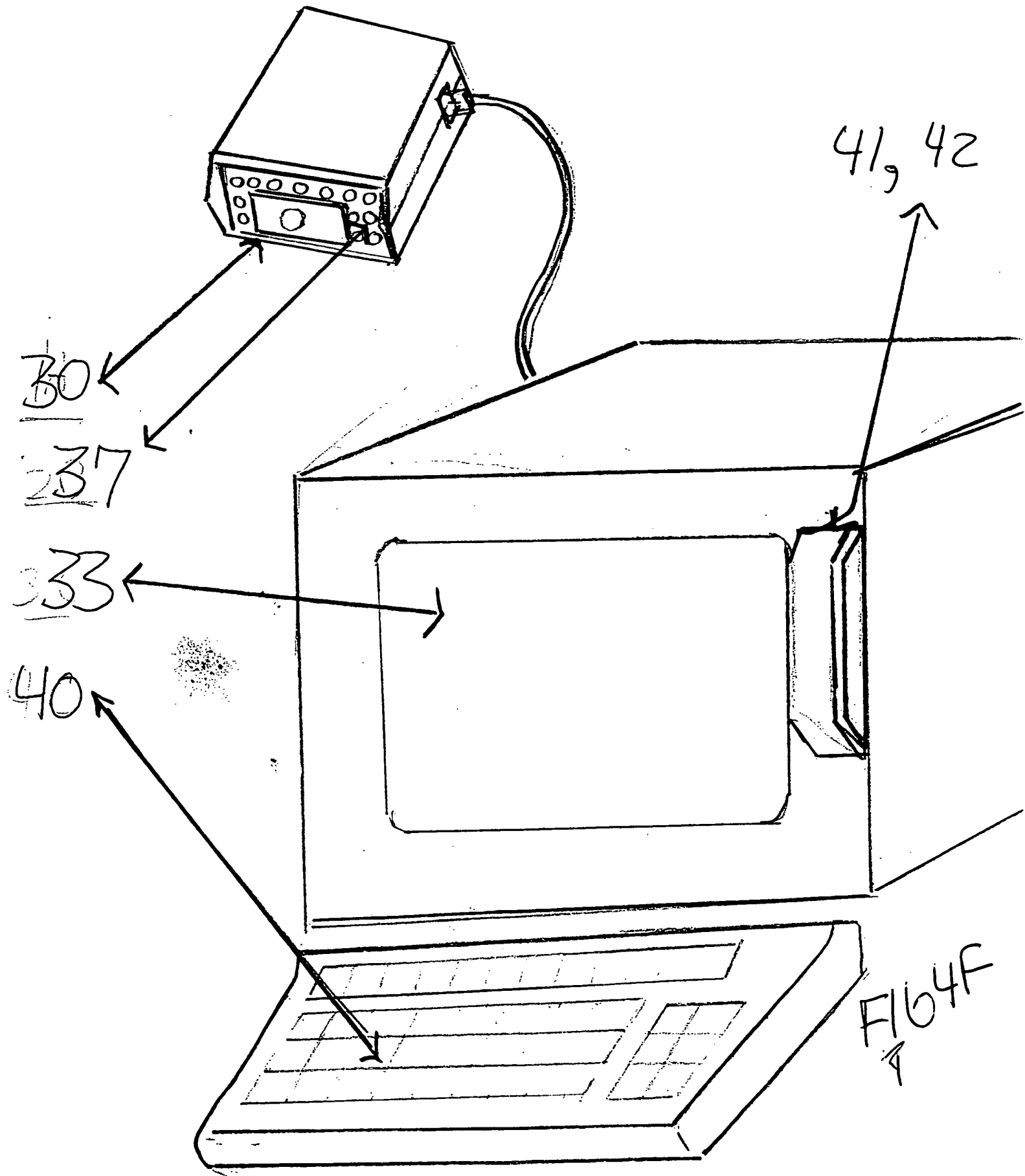


FIG 4F

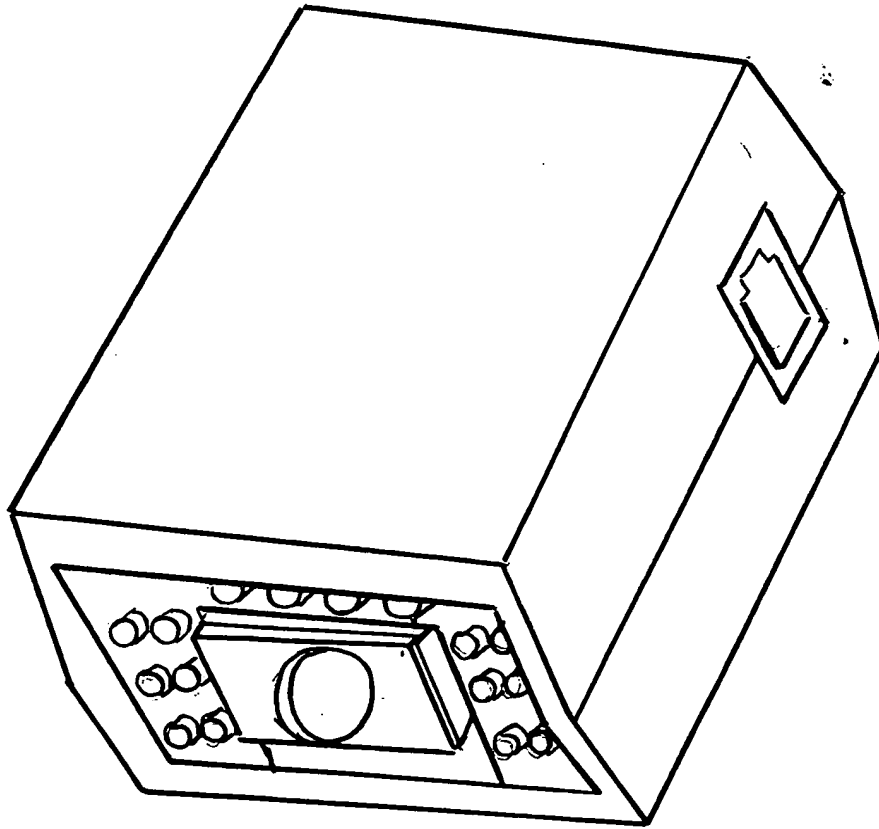


FIG 5

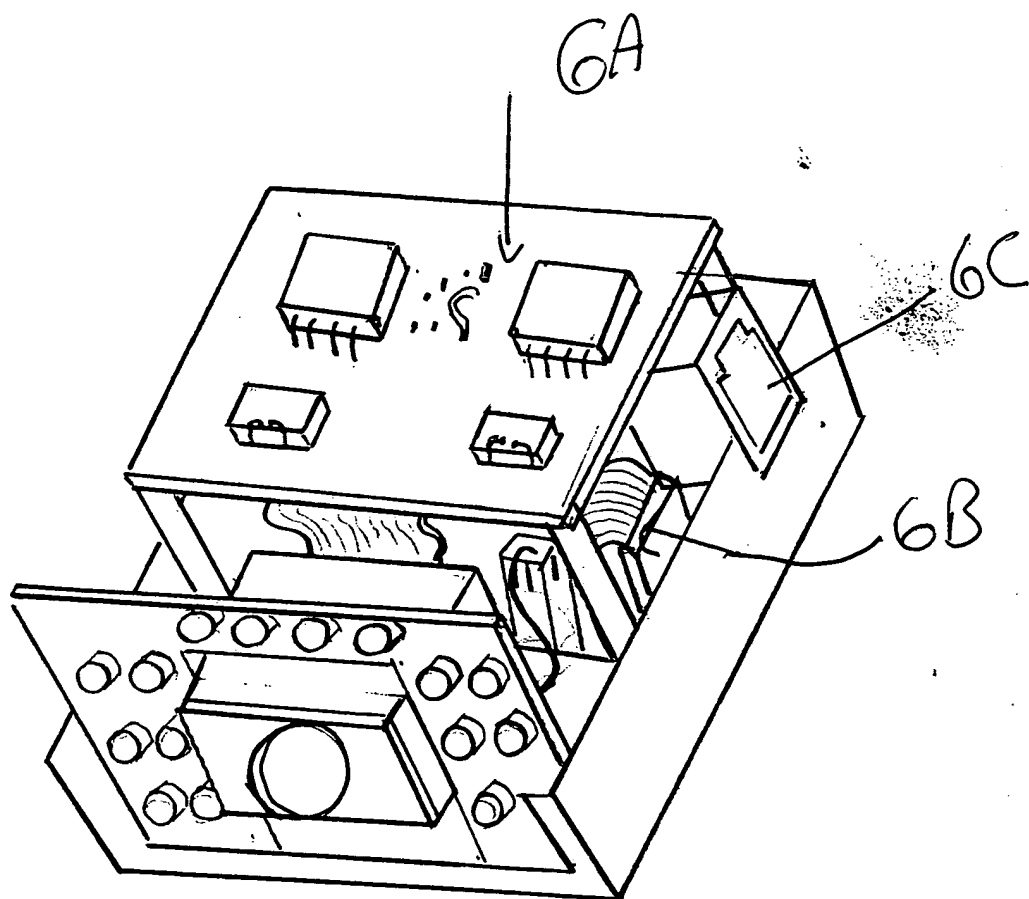


FIG 6

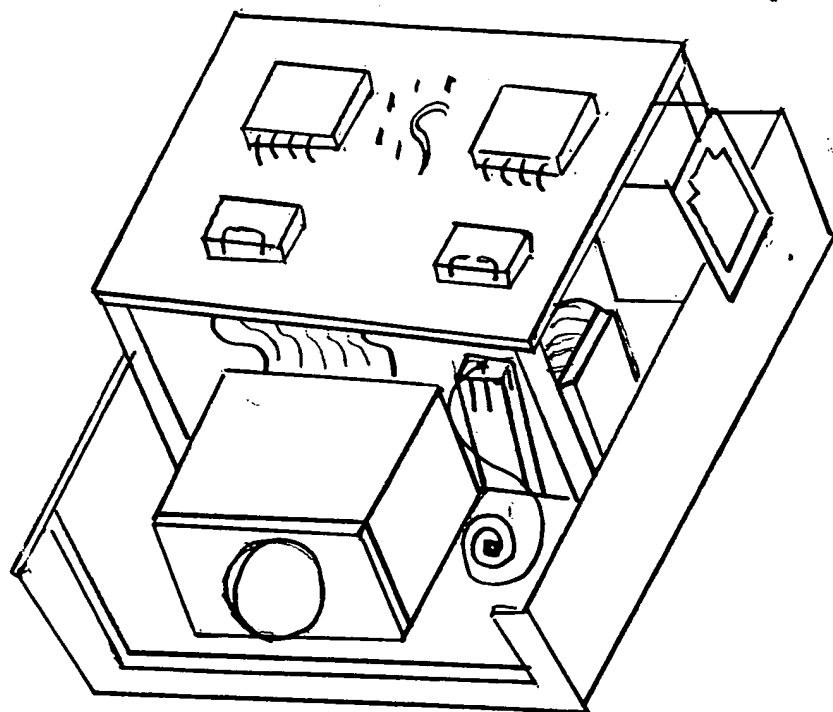
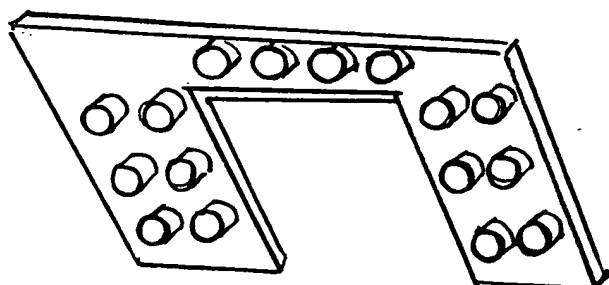
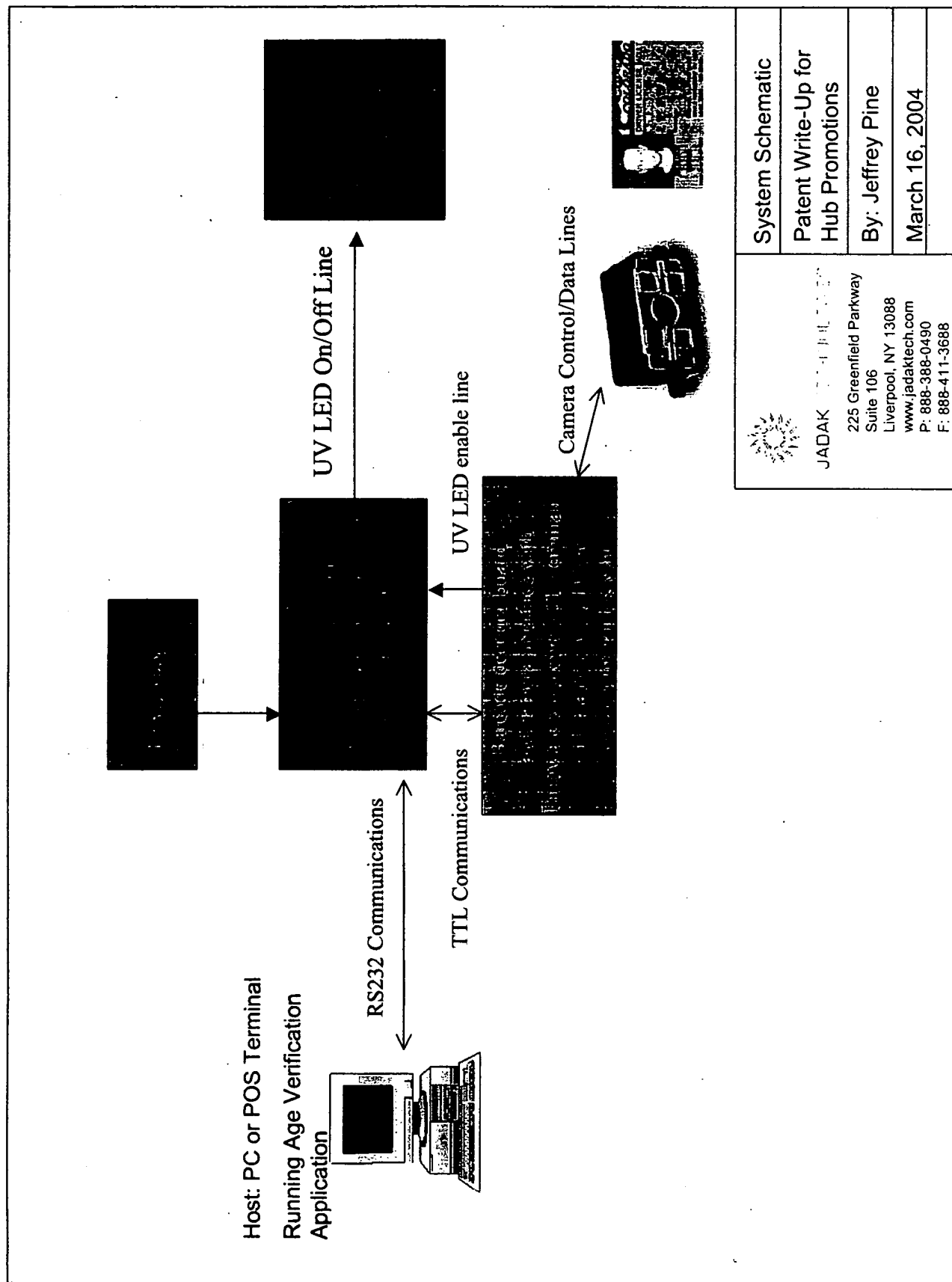


FIG 7





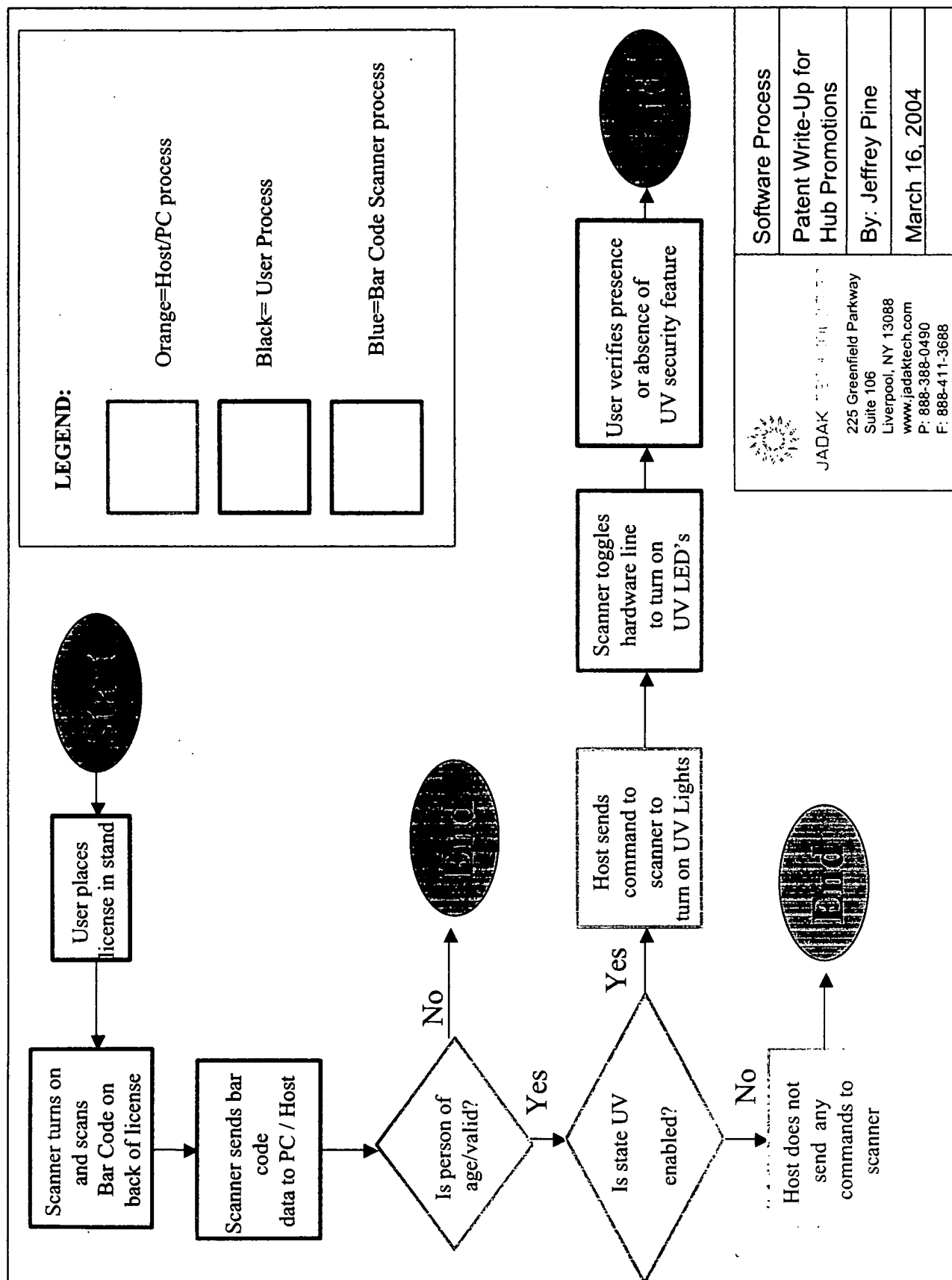


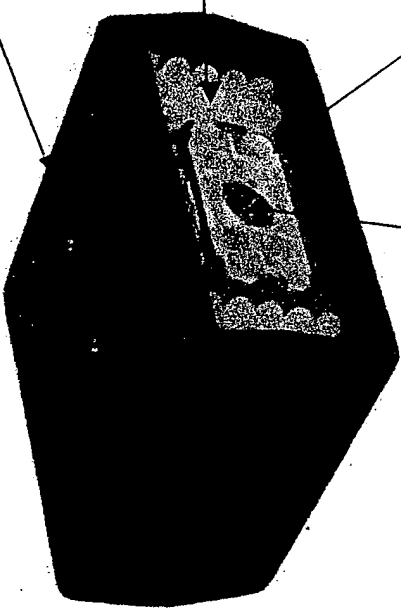
FIG 9

Product Housing

UV Illumination

Bar Code Illumination

Bar Code Scanner



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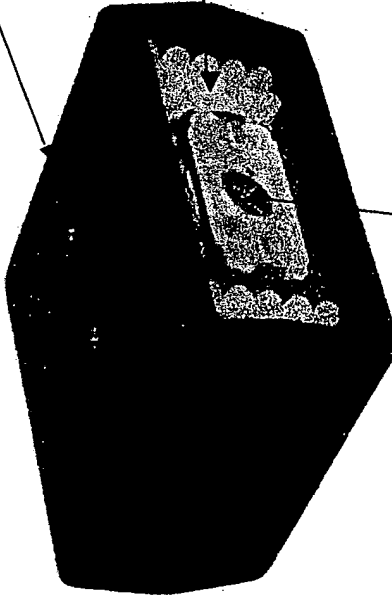
Product Example
Patent Write-Up for Hub Promotions
By: Jeffrey Pine

FIG 10



Product  
Housing  
(Custom or Off-  
The-Shelf)

UV Illumination  
(available from  
JADAK)



Bar Code Scanner  
Available from  
HHP (model  
IT4250)



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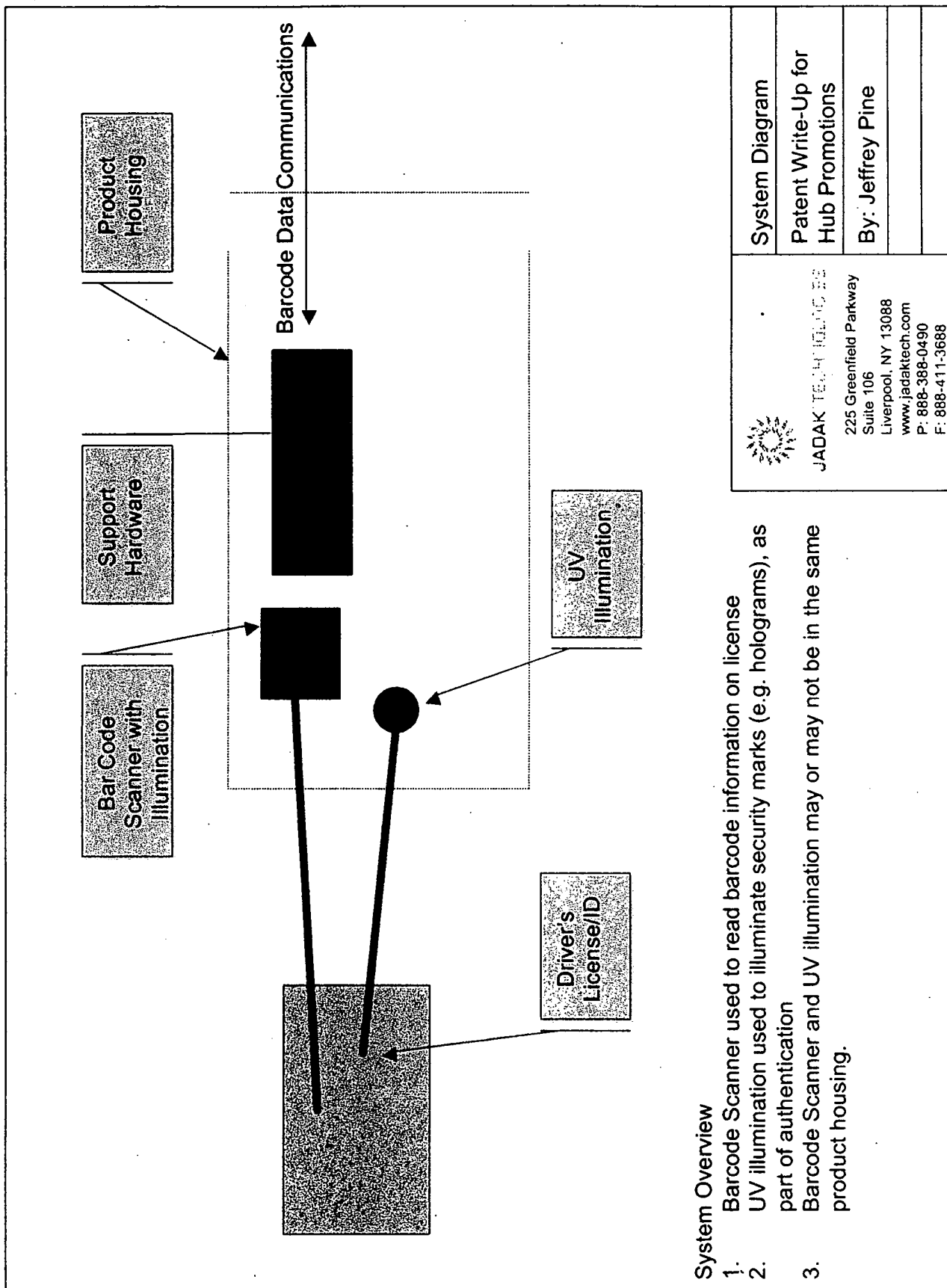
Product Example

Patent Write-Up for  
Hub Promotions

By: Jeffrey Pine

February 11, 2003

FIG 11



System Overview

1. Barcode Scanner used to read barcode information on license
2. UV illumination used to illuminate security marks (e.g. holograms), as part of authentication
3. Barcode Scanner and UV illumination may or may not be in the same product housing.



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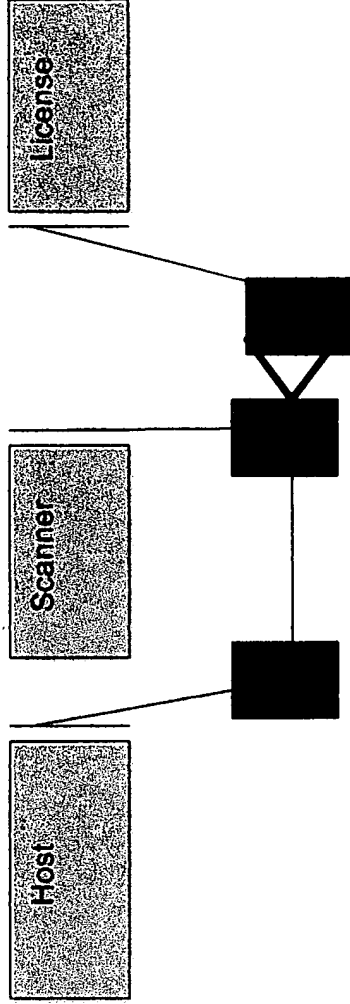
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System Diagram

Patent Write-Up for  
Hub Promotions

By: Jeffrey Pine

F1612



#### Software Process:

1. License is placed under reader
2. Reader scans and decodes barcode
3. Barcode information sent to Host
4. Host determines:
  - a. Age
  - b. If license is expired
  - c. State of Issue
5. If the license is expired or person is underage then the host will notify the user.
6. If Age and Expiration appear to be valid, the host will use the State of Issue to determine whether or not a UV inspection is necessary (ie. Does that particular State have a security marking?)
7. If the State does have a security marking, the host then sends a command to the scanner to turn on the UV Illumination. The command will also dictate the duration for the UV illumination to be on.


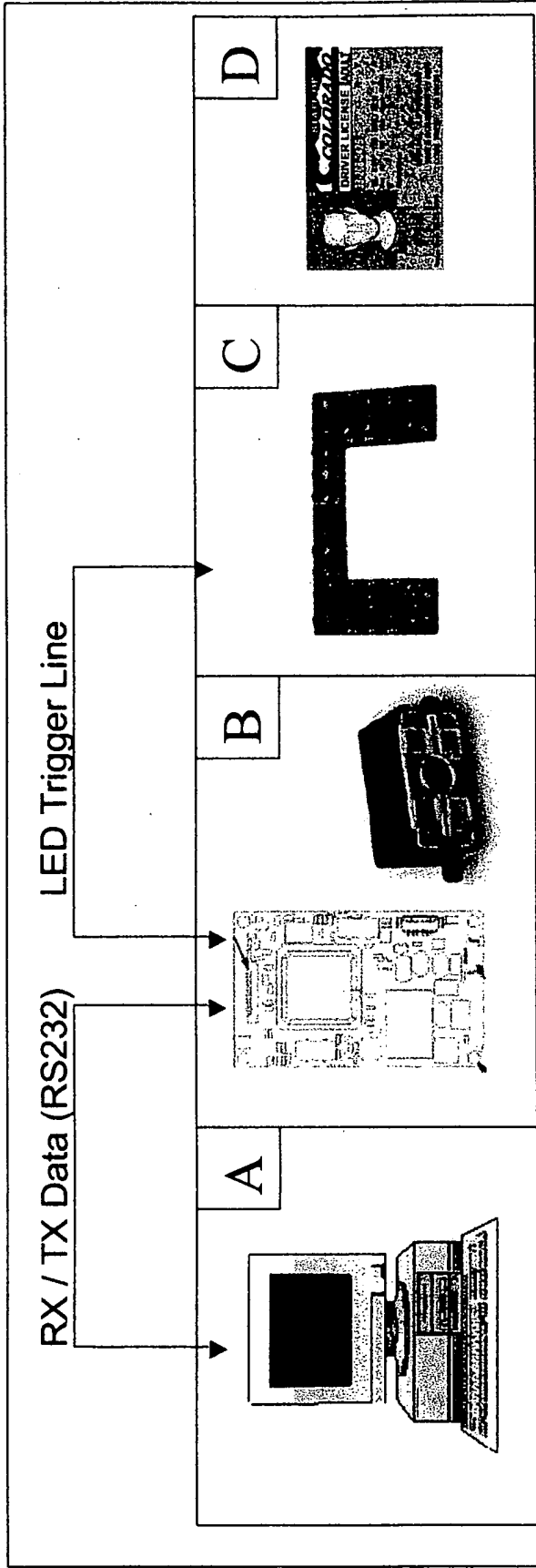
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	Patent Write-Up for Hub Promotions
	By: Jeffrey Pine

FIG 13



**Software Process:**

1. License (D) is placed under reader (B)
2. Reader scans and decodes barcode
3. Barcode information sent to Host (A)
4. Host determines:
  - a. Age
  - b. If license is expired
  - c. State of Issue
5. If the license is expired or person is underage then the host will notify the user.
6. If Age and Expiration appear to be valid, the host will use the State of Issue to determine whether or not a UV inspection is necessary (ie. Does that particular State have a security marking?)  
If the State does have a security marking, the host then sends a command to the scanner to turn on the UV Illumination (C). The command will also dictate the duration for the UV illumination to be on.
- 7.


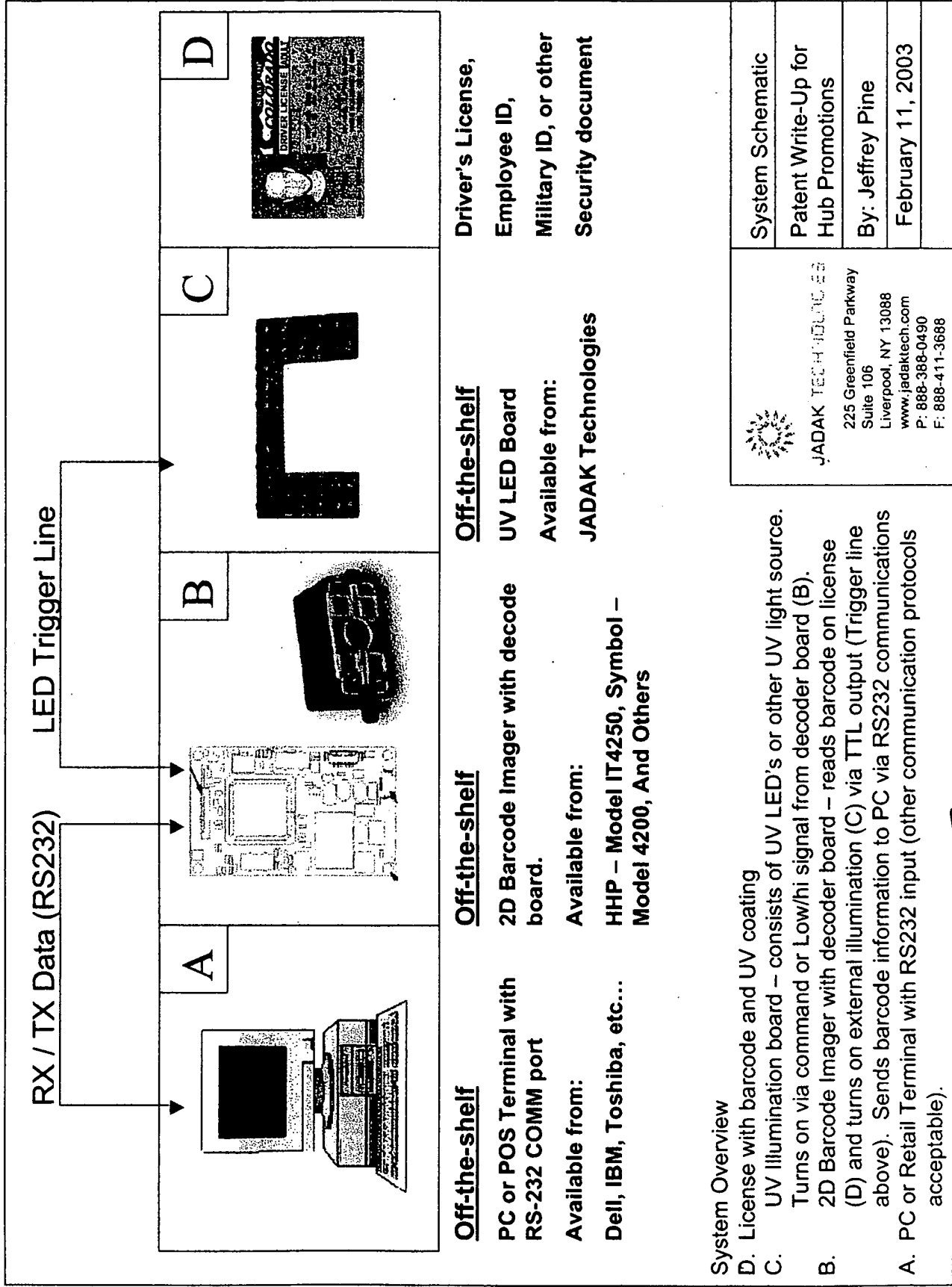
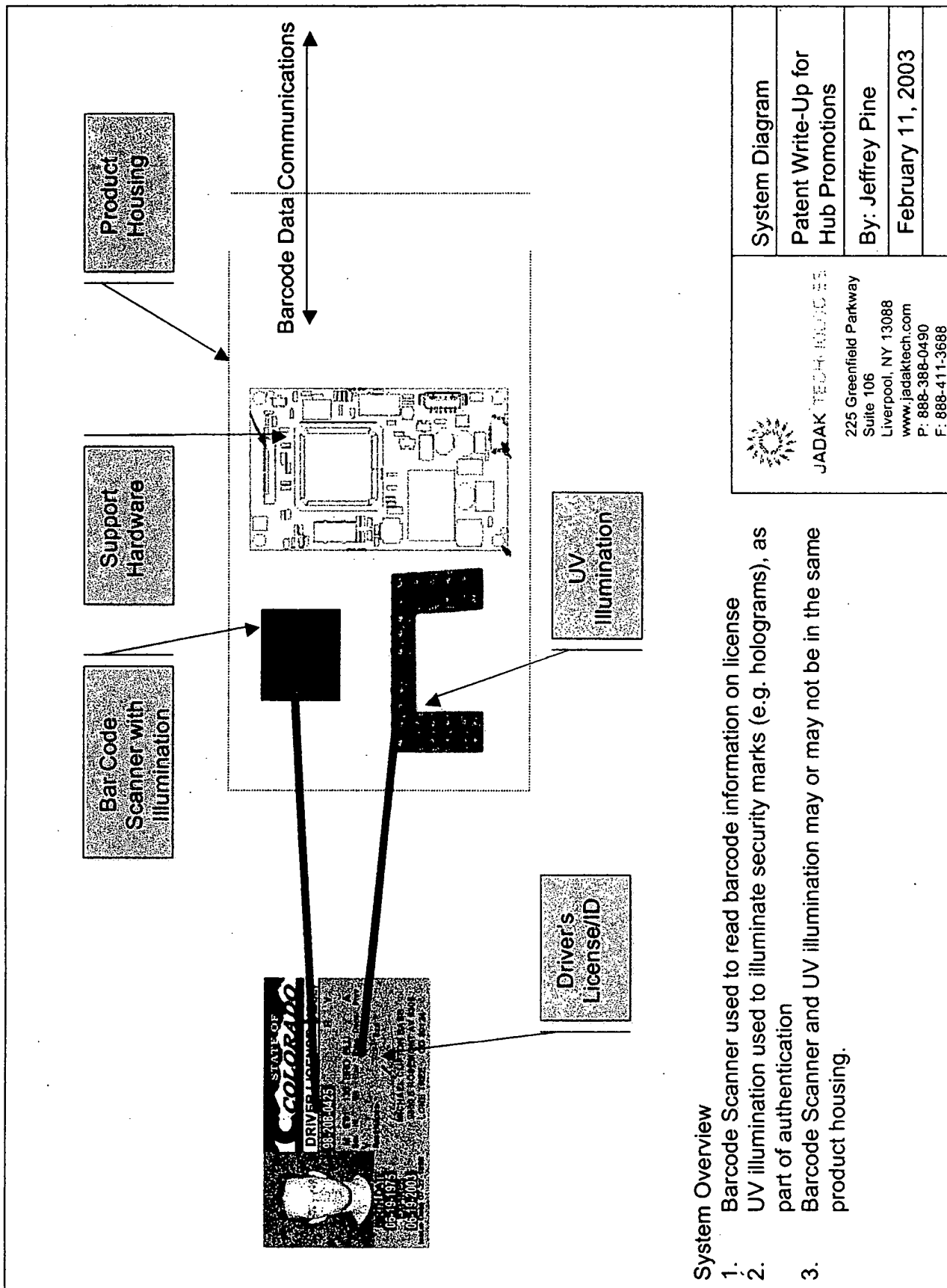
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	<b>Patent Write-Up for Hub Promotions</b>
	<b>By: Jeffrey Pine</b>
	<b>February 11, 2003</b>


FIG 14



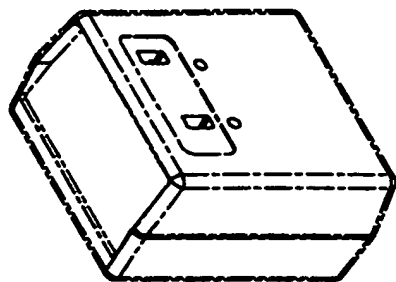


### System Overview

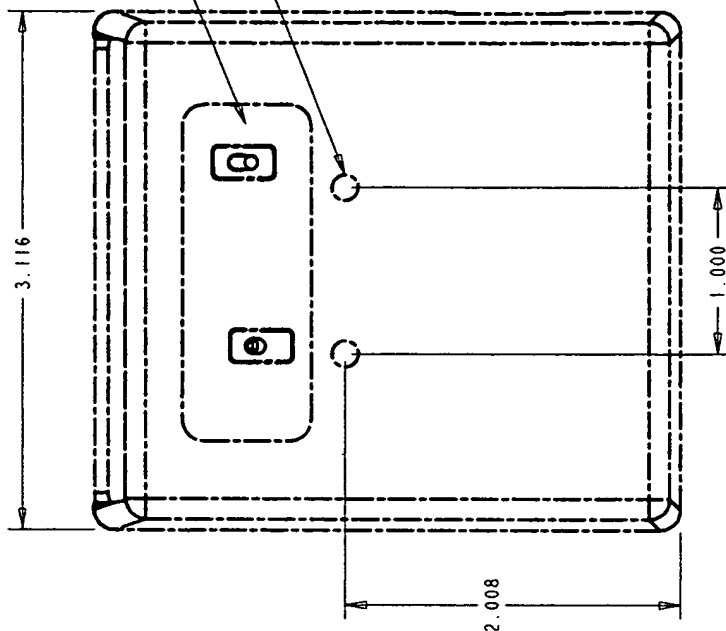
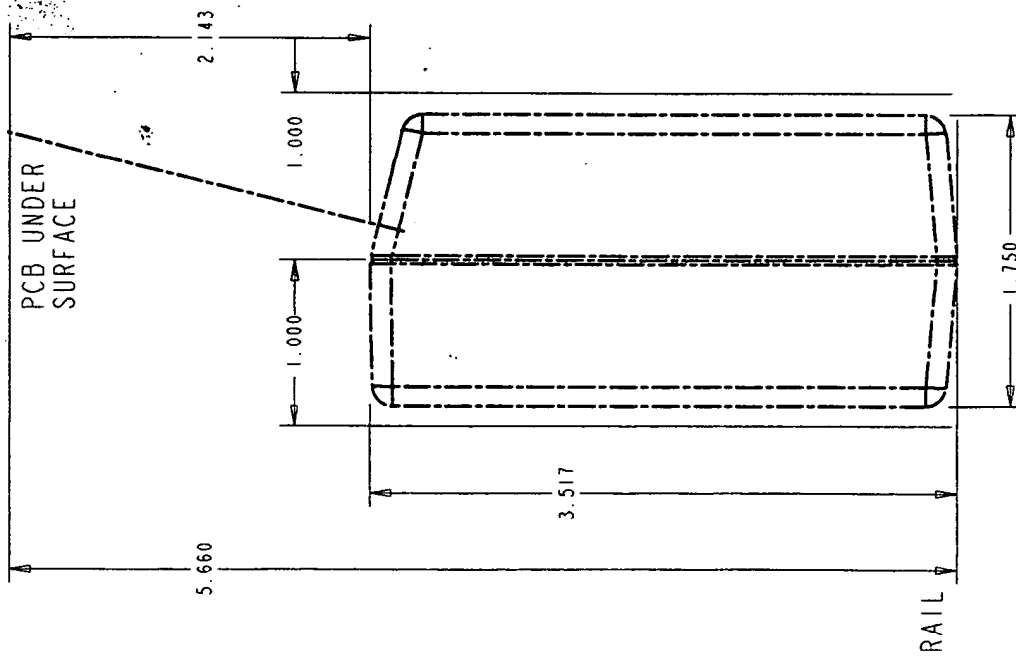
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<b>Patent Write-Up for Hub Promotions</b>	<b>Patent Write-Up for Hub Promotions</b>
<b>By: Jeffrey Pine</b>	<b>By: Jeffrey Pine</b>
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